

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number  
**WO 2005/094252 A3**

(51) International Patent Classification:

A61F 5/44 (2006.01)

(21) International Application Number:

PCT/US2004/008066

(22) International Filing Date: 18 March 2004 (18.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **ARCUS MEDICAL, LLC** [US/US]; 815 Starguard Court, Charlotte, NC 28270 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MISKIE, Mark** [US/US]; 815 Starguard Court, Charlotte, NC 28270 (US).

(74) Agent: **SCHWARTZ, Jeffrey, J.**; Schwartz Law Firm, P.C., South Park Towers, 6100 Fairview Road, Suite 530, Charlotte, NC 28210 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

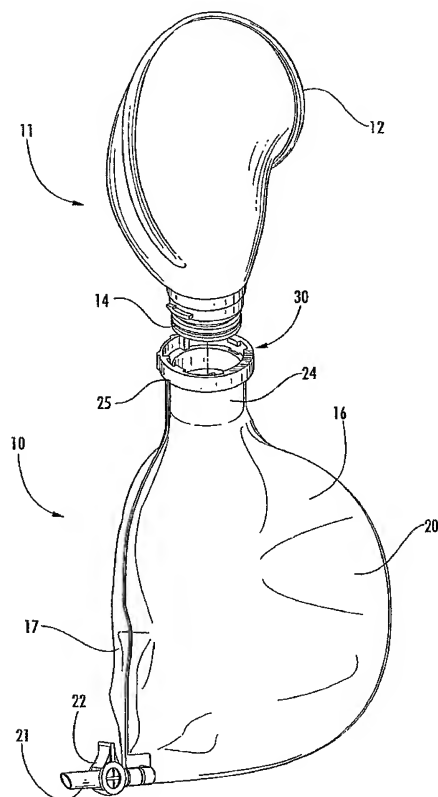
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: COLLECTION BAG ADAPTED FOR USE IN AN INCONTINENCE MANAGEMENT SYSTEM



(57) Abstract: A collection bag is adapted for communicating with a male incontinence device designed to cover a portion of the penis. The collection bag has first and second opposing flexible side walls joined together and forming a fluid container for holding urine. A cylindrical bag neck is formed with the first and second side walls, and defines a mouth for receiving urine passed through the incontinence device and into the fluid container. The bag neck comprises a rigid valve cap. The valve cap includes an internal check valve for controlling urine flow outwardly from and into the incontinence device, and multiple circumferentially-spaced indexing elements. The indexing elements cooperate to position the valve cap relative to the incontinence device, such that the check valve is locatable in a single operative orientation.



---

**(88) Date of publication of the international search report:**

27 April 2006

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*